THE EMBODIMENTS OF THE INVENTION IN WHICH AN EXCLUSIVE PROPERTY OR PRIVILEGE IS CLAIMED ARE AS FOLLOWS:

1. A process for preparing torsemide or salts thereof comprising:

   a) reacting **II** with isopropyl isocyanate in the presence of an alkali carbonate or bicarbonate and an organic solvent to form an alkali torsemide mixture,

   b) recovering the alkali torsemide mixture, and

   c) if desired, recovering the torsemide by acidification of the alkali torsemide mixture.

2. The process of claim 1 wherein said process is carried out in the absence of triethylamine.

3. A process for preparing **II** comprising reacting **I** with m-toluidine in an organic solvent to form **II**, wherein said process is carried out in the absence of at least one of the following:

   i) a copper catalyst; and/or

   ii) triethylamine.

4. The process of claim 3 wherein the organic solvent is a C1 to C6 alcohol.

5. The process of claim 3 or 4 wherein the organic solvent is n-butanol.

6.   The process of claim 1 or 2 wherein the alkali carbonate is sodium carbonate, potassium carbonate, or lithium carbonate.

7.   The process of claim 1 or 2 wherein the alkali bicarbonate is sodium bicarbonate, potassium bicarbonate, or lithium bicarbonate.

8.   The process of claim 1 or 2 wherein the organic solvent selected from the group consisting of acetone, ethyl acetate, acetonitrile, methyl isobutyl ketone and mixtures thereof.

9.   The process of claim 1 or 2 wherein the alkali torsemide mixture is converted to torsemide by dissolving in water followed by acidification.

10.   The process of claim 1 or 2 wherein the acid used for acidification is a water soluble acid.

11.   The process of claim 1 or 2 wherein the acid used for acidification is acetic acid.

12.   The process of claim 1 or 2 wherein the purity of the torsemide is at least about 99.5%.

13.   The process of claim 1 or 2 wherein the purity of torsemide is at least 98%.

14.   The process of claims 1 or 2 wherein the known polymorphs of torsemide are produced.